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SEQUENCE LISTING

<110> Belsham, Denise

Lovejoy, David

<120> Immortalized Hypothalamic Neuronal Cell Lines

<130> 2223-158

<150> US 60/376,879

<151> 2002-05-02

<150> US 60/377,231

<151> 2002-05-03

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 41

<212> PRT

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Gln	Gln	Leu	Leu	Ser	Thr	Gly	Arg	Val	Gln	Gly	Tyr	Asp	Gly	Tyr	Phe
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Val	Leu	Ser	Val	Glu	Gln	Tyr	Leu	Glu	Leu	Ser	Asp	Ser	Ala	Asn	Asn
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Ile His Phe Met Arg Gln Ser Glu Ile
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<210> 2

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<223> Human TCAP 2

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Gln Gln Leu Leu Ser Thr Gly Arg Val Gln Gly Tyr Glu Gly Tyr Tyr
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Val Leu Pro Val Glu Gln Tyr Pro Glu Leu Ala Asp Ser Ser Ser Asn
 20 25 30

Ile Gln Phe Leu Arg Gln Asn Glu Met
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<210> 3

<211> 40

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<223> Human TCAP3

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Gln Leu Leu Ser Ala Gly Lys Val Gln Gly Tyr Asp Gly Tyr Tyr Val
 1 5 10 15

Leu Ser Val Glu Gln Tyr Pro Glu Leu Ala Asp Ser Ala Asn Asn Ile
 20 25 30

Gln Phe Leu Arg Gln Ser Glu Ile
 35 40

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<212> PRT

<213> Artificial Sequence

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Val	Ile	Ser	Val	Glu	Gln	Tyr	Pro	Glu	Leu	Ser	Asp	Ser	Ala	Asn	Asn
			20					25					30		

Ile	His	Phe	Met	Arg	Gln	Ser	Glu	Met
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<223> Mouse TCAP1

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Gln	Gln	Leu	Leu	Gly	Thr	Gly	Arg	Val	Gln	Gly	Tyr	Asp	Gly	Tyr	Phe
1				5					10					15	

Val	Leu	Ser	Val	Glu	Gln	Tyr	Leu	Glu	Leu	Ser	Asp	Ser	Ala	Asn	Asn
			20					25					30		

Ile	His	Phe	Met	Arg	Gln	Ser	Glu	Ile
		35					40	

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<211> 41

<212> PRT

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<223> Mouse TCAP2

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Gln Gln Leu Leu Ser Thr Gly Arg Val Gln Gly Tyr Glu Gly Tyr Tyr
1 5 10 15

Val Leu Pro Val Glu Gln Tyr Pro Glu Leu Ala Asp Ser Ser Ser Asn
20 25 30

Ile Gln Phe Leu Arg Gln Asn Glu Met
35 40

<210> 7

<211> 40

<212> PRT

<213> Artificial Sequence

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<223> Mouse TCAP3

<400> 7

Gln Leu Leu Ser Ala Gly Lys Val Gln Gly Tyr Asp Gly Tyr Tyr Val
1 5 10 15

Leu Ser Val Glu Gln Tyr Pro Glu Leu Ala Asp Ser Ala Asn Asn Ile
20 25 30

Gln Phe Leu Arg Gln Ser Glu Ile
35 40

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<223> Mouse TCAP 4

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Gln	Gln	Val	Leu	Asn	Thr	Gly	Arg	Val	Gln	Gly	Tyr	Asp	Gly	Phe	Phe
1				5					10					15	

Val	Thr	Ser	Val	Glu	Gln	Tyr	Pro	Glu	Leu	Ser	Asp	Ser	Ala	Asn	Asn
			20					25					30		

Ile	His	Phe	Met	Arg	Gln	Ser	Glu	Met
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Gln	Leu	Leu	Ser	Gly	Arg	Lys	Val	Leu	Gly	Tyr	Asp	Gly	Tyr	Tyr	Val
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Leu	Ser	Ile	Glu	Gln	Tyr	Pro	Glu	Leu	Ala	Asp	Ser	Ala	Asn	Asn	Ile
			20					25					30		

Gln	Phe	Leu	Arg	Gln	Ser	Glu	Ile
		35				40	